

Belper Rural District Council.



REPORT

OF THE

Medical Officer of Health

FOR THE

Year 1938.



BELPER :

Tom Brown, Printer, Bridge Street

BELPER RURAL DISTRICT COUNCIL.

Chairman of the Council: JOSEPH BOWMER, Esq., J.P.

Sanitary and Building Committee :

Chairman: Councillor J. E. CRESSWELL.

	<i>Residential Address.</i>		<i>Parish Represented.</i>
Coun. F. J. Lynam	....	Fritchley....	.... Crich.
„ W. Bowmer	....	Alderwasley	.... Alderwasley.
„ E. A. Ashman	....	Whatstandwell	.... Crich.
„ W. Alton	....	Allestree	.... Allestree.
„ W. F. Rathbone	Ferrers Way, Allestree		Allestree.
„ W. D. Jeffery	....	Denby Village	.... Denby.
„ E. Barlow	....	Over Lane, Belper	Denby.
„ L. Ward	....	Holloway	Dethick Lea & Holloway.
„ J. Bowmer	....	Duffield	.... Duffield.
„ H. F. Hawley	....	Allestree	.... Duffield.
„ Herbert Swift	"Sunset," Hazelwood		Hazelwood.
„ E. Woodward	....	Brackley Gate,	Horsley.
	Coxbench.		
„ Samuel Hebb	....	Horsley Woodhouse	Horsley Woodhouse.
„ J. E. Cresswell	....	Kilburn	.... Kilburn.
„ George Vickers	....	Kilburn	.... Kilburn.
„ H. W. Smith	Wheathill, Mackworth.		Mackworth.
„ John Sutton	Postern Lodge, Shottle.		Shottle and Postern.
„ H. H. Dix	School House, Smalley.		Smalley.
„ J. W. Knowles	....	Shipley	.... Shipley.
„ H. E. Currey	....	Little Eaton	Turnditch and Windley
„ James Gregory	....	Inn Farm, Weston	Weston Underwood.
	Underwood.		
„ A. H. Alton	....	"The Spinney,"	Darley Abbey.
	Darley Abbey.		
„ Richard Atkinson	....	Pentrich	.... Pentrich.
„ G. H. Beeson	....	Quarndon	....Kedleston & Quarndon
„ W. Cook	....	South Wingfield....	South Wingfield.
„ Walter Carlin	....	Moorwood Moor,	South Wingfield.
	South Wingfield.		
„ C. Hill	....	Mapperley	.... Mapperley.
„ W. Deaville	....	Idridgehay	.... Ashleyhay, Idridge-
			hay and Alton.

Representatives on the Belper Joint Isolation Committee :

Councillors F. J. Lynam, S. Sheldon, E. Woodward.

Clerk to the Council: George Pym, Solicitor, Belper.

Medical Officer of Health :

Richard C. Allen, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Birm.)

Sanitary Inspectors :

Southern District, James Laycock, Cert. R.S.I. and Cert. Meat and other Foods Inspector.

Northern District, W. G. Cooper, Cert. R.S.I.

Report of the Medical Officer of Health for the year 1938.

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Mr. Chairman and Gentlemen,

I again have the pleasure of presenting to you my Annual Report for last year, along with the vital statistics. This is the seventh I have placed before you.

The population of the district is estimated to be 25,630, an increase of 190 on the previous year.

The Infantile Death Rate is 43.3 per 1000 births against 31.007 per 1000 for the previous year.

The Birth Rate is 14.31 per 1000 of the population, against 15.21 per 1000 last year.

Three hundred and six Deaths took place during the year, 141 males and 165 females, of the total number, 83 were persons between the ages of 65 and 75 and 94 were over 75 years of age. From this it will be seen that in this district the people live to a ripe old age. The Death Rate for the year is 11.19 per 1000 of the population. This is against 242 deaths which took place in the preceding year when the Death Rate was 9.51 per 1000.

39 Deaths were ascribed as due to Cancer, 14 males and 25 females. This is 8 more than occurred in 1937. The average age for the deaths occurring from this malady was males 65.73 years and females 68.45 years.

There were three deaths ascribed as due to Zymotic causes. One Scarlet Fever and two Diphtheria, giving a Zymotic Death Rate of 0.11 per 1000 of the population. During last year there was a severe epidemic of both Scarlet Fever and Diphtheria and the cases were of a very severe type.

The Schools of the District have been visited and inspected on several occasions and have always been found to be clean, well ventilated and in a satisfactory condition. I am pleased to say that shortly we shall be seeing the end of those unsuitable premises used as a Boys' School at Kilburn, as the new School is nearing completion at Smithy Houses, where the boys are to be transferred on completion.

The cow-byres of the district have been under our officials' constant supervision and many alterations and renewals have taken place all over the district.

In former years I have brought to your notice the lack of sewage accommodation at Horsley, Kilburn, Denby, Shipley and Oakerthorpe. Enquiries have been held by Officials from the Ministry of Health concerning all the districts, and in every case orders have been made for the work to proceed, which is

being done with the exception of Shipley, which is held up temporarily for certain modifications.

The water supply of the District has been very much to the front. An enquiry was held at Shipley (at the same time as that for sewage) concerning the water supply and an order has come through from the Ministry for the work to proceed.

An enquiry was held at Crich concerning the water supply to Crich, Lea and Holloway and again an order has been made for the work to proceed. A Court of Arbitration has also given its verdict in the Council's favour so that Alfreton will now have to subsidise the supply

Duffield water supply has also had consideration and something will have to be done for purifying it by Chlorination, and the matter is being gone into by your Authority, and the Ministry of Health.

Hazelwood, Shottle and Turnditch are still without water, but it is proposed soon to sink a borehole, when an ample supply will be available. I hope the Parish of Idridgehay will also be brought into the scheme.

The water scheme at Pentrich urgently requires extension to Pentrich Lane End, where they are without a proper supply except from wells which are inadequate.

The work at the Duffield Outfall Works is proceeding along very well, and during the coming year will be finished, and this parish will then have one of the most up-to-date plants in the County.

All the clearance areas which have been brought to the notice of the Ministry of Health and approved by them for demolition have been carried out.

There are five Camping Sites in the district, all being in the Northern Area ; 2 at Whatstandwell and 3 at Alderwasley ; 2 only have licences issued to them by your Authority ; leave to form one at South Wingfield was refused ; it is estimated that during Bank Holiday week there were 1,200 people under canvas.

I must again thank the members of the Council and the Clerk (Mr. George Pym) for their continued confidence and courtesy and also the two Sanitary Inspectors, Mr. Laycock and Mr. Cooper for the great help and co-operation.

I remain, Gentlemen,

Yours obediently,

RICHARD C. ALLEN,

Belper, May, 1939.

Medical Officer of Health.

STATISTICAL SUMMARY.

Area of District in acres	48,118
Rateable Value	£149,343
Sum represented by a Penny Rate	£610

Extracts from Vital Statistics for the Year.

Population for the Year 1931	24,530
Estimated Population for the middle of the Year 1933	25,630
Number of Inhabited Houses	7,627
Number of New Houses erected by the Local Authority	82
Number of New Houses erected by private enterprise....	170
Chief Occupations of inhabitants—Mining and Agriculture (chiefly Milk producing), Limestone Quarrying, Cotton and Hosiery Manufacturing.	
Number of Births registered—Males, 189 ; Females, 178. Total 367.	
Number of Illegitimate Births—Males, 1 ; Females, 5. Total, 6.	
Still-births—Males, 12 ; Females, 8. Total, 20.	
Illegitimate Still-births—Males, 3 ; Females, — ; Total, 3.	
Birth Rate Live and Still-births—15·09.	
Birth Rate per 1,000 of Population, 14.31.	
Number of Deaths—Males, 141 ; Females, 165. Total, 306.	
Death Rate per 1,000 of Population, 11.19 ; last year there were 242 deaths—Males, 115 ; Females, 127, the Death Rate being 9.51 per 1000 of the population.	
Infantile Mortality per 1,000 Births, 43.3, against 31.007, in 1937.	
Number of Women dying in consequence of childbirth	Nil
Deaths from Measles	Nil
Deaths from Whooping Cough	Nil
Deaths from Diarrhoea (under 2 years)	Nil
Deaths from Scarlet Fever	One
Deaths from Diphtheria	Two
Zymotic Death Rate ....	.11
Phthisis Death Rate ....	.3
Respiratory Death Rate	1.1
Death Rate from continued Fever and Diarrhoeal Diseases	Nil
Deaths from Cancer—Males, 14 ; Females, 25.	

NATURAL AND SOCIAL CONDITIONS OF THE DISTRICT.

The Rural District of Belper lies to the North of Derby, and is surrounded by the Urban District of Belper and the greater portion of the Urban District of Ripley.

The Northern district is hilly in character, the altitude reaching 1,033 feet above O.D. at Ashleyhay.

The Southern part of the district is not so hilly and is largely agricultural and residential. The altitude varies from 240 feet to 1,003 feet above O.D.

EMPLOYMENT.

1. Coal Mining at Denby, Horsley, Horsley Woodhouse, Kilburn, Pentrich, South Wingfield, Holbrook, and Mapperley.
2. Quarrying at Crich.
3. Cotton at Darley Abbey.
4. Agriculture the main occupation of the remaining parishes.

GENERAL PROVISIONS OF THE HEALTH SERVICES IN THE AREA.

The Local Authority does not provide for Nursing in the home, this being organised by the following Nursing Associations:—

Allestree and Quarndon Nursing Association.

Crich and District	„	„
Darley Abbey	„	„
Denby	„	„
Hazelwood, Shottle, Windley and District	„	„
Lea and Holloway	„	„
Horsley and Kilburn	„	„
Holbrook and District	„	„
Kedleston and Muggington	„	„
South Wingfield	„	„

FEVER HOSPITALS.—All cases of Fever and Small Pox are received at the Belper Joint Isolation Hospital at Nether Heage, near Belper. Beds: Scarlet Fever, Diphtheria, Enteric Fever 67. Small Pox 18.

TUBERCULOSIS HOSPITALS.—Hospitals for Tubercular cases are provided at the County Sanitoriums at Walton, near Chesterfield, and Bretby, near Burton on-Trent.

Tubercular patients are also visited at their homes from time to time by the Tuberculosis Medical Officer and the Health Visitor.

HOSPITALS.

Royal Infirmary, Derby (General) Voluntary support.

Children's Hospital Derby (General) Voluntary support.

Women's Hospital, Derby (Gynecological) Voluntary support.

Belper Poor Law Institution, Belper (Belper Public Assistance Committee).

Belper Joint Isolation Hospital, Belper (Infectious), supported by Six Local Authorities.

Walton Sanatorium, nr. Chesterfield (Tuberculosis) supported by the County Council.

Bretby Hall, near Burton-on-Trent (Orthopœdic), supported by the County Council.

Belper Clinic, Belper, supported by the County Council.

Queen Mary Nursing Home, Derby (Maternity & General), private support.

Nightingale Nursing Home, Derby (Maternity and General) private support.

AMBULANCE FACILITIES.—For Infectious Cases: Motor Ambulance supplied by the Belper Joint Isolation Committee. For Non-Infectious cases: Ambulance paid for by the R.D.C. to a private firm.

PUBLIC HEALTH STAFF.—Medical Officer of Health. This is a part-time appointment. Two Sanitary Inspectors: These are full-time Sanitary Inspectors who are also Food Inspectors.

CHEMICAL WORK.—Pathological and Bacteriological Examinations are made free of charge at the County Offices (Derby County Council).

The following are the numbers of Specimens from your area that were examined in the County Bacteriological Laboratory during the year 1938 :—

			<i>Positive.</i>	<i>Negative.</i>
Enterica :—				
Typhoid, Para-typhoid A and B	....	....	—	8
Gaertner, Dysentery, etc.	....	....	2	12
Diphtheria	....	....	24	145
Phthisis	....	....	5	44
Milk for Tubercle Bacilli (Inoc. Test)				
Ministry of Agriculture	....	....	40	209
Routine Samples	....	....	—	1
Milk for Methylene Blue Test, Routine Samples			1	2
Milk for Bacillus Coli, Routine Samples	....		1	2
Miscellaneous	....	....	14	22
			—	—
Totals	....	....	87	445
			—	—

In addition to the above 35 samples of Water have been taken for Bacteriological examination.

I am indebted to the County Medical Officer of Health, Dr. W. M. Ash, for the above figures.

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Notes on Notifiable Diseases.

During the year 148 cases of Notifiable Disease were brought to my notice in comparison with 104 for the previous year, an increase of 44 cases :—

Pulmonary Tuberculosis	....	....	....	13
Other forms, Tuberculosis	....	....	....	4
Scarlet Fever	....	....	....	55
Diphtheria	....	....	....	36
Pneumonia	....	....	....	24
Erysipelas	....	....	....	9
Puerperal Pyrexia	....	....	....	4
Ophthalmia Neonatorum	....	....	....	1
Polio Myelitis	....	....	....	2

Tuberculosis.

At the end of the year there were 116 cases of Pulmonary Tuberculosis on the register, 64 males and 52 females. Non-Pulmonary cases on the register, 37 ; 20 males and 17 females.

Of the 17 cases of Tuberculosis, 3 of the Pulmonary type were admitted to the Sanatorium.

The number of cases on the Register for the last five years are as follows :—

	Years	1934.	1935.	1936.	1937.	1938.
Pulmonary Tuberculosis		101	110	152	107	116
Other forms of Tuberculosis		38	38	42	41	37
Totals		139	148	154	148	153

Giving an average at the end of five years of Pulmonary 117.2, and other forms of Tuberculosis 38.2. Total 155.4.

There has been no evidence whereby it has been necessary to take any action under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936, during the year.

Scarlet Fever.

55 cases were reported during the year against 47 for the previous year, an increase of 8. Of this number 38 were removed to the Isolation Hospital, and the remainder were nursed at home. The cases were scattered all over the District. Denby headed the list with 9 cases, Allestree 8, Kilburn 7, and Smalley 6. The cases were of a mild type generally. There was one death ascribed to this malady.

Diphtheria.

During the year there were 36 cases brought to my notice, an increase of 27 over the previous year, the majority of cases coming from the Eastern portion of the Rural District, Horsley Woodhouse claiming 10 and Shipley 7. The other largest numbers were Crich 5, Dethick Lea & Holloway 4, and Duffield 3, leaving seven cases from the remaining 25 parishes. 25 cases were removed to the Isolation Hospital, and the remaining ones were nursed at home. There were 2 deaths from this malady.

Pneumonia.

During the year 24 cases were brought to my notice against 22 for the previous year, and increase of two. Only one was removed to the Hospital, the rest were nursed at home.

Erysipelas.

Nine cases were reported to me during the year, and only one was removed to Hospital.

Puerperal Pyrexia.

Four cases were reported during the year under this heading, half the number of last year, when there were 8 cases. All the 4 cases were nursed at home.

Ophthalmia Neonatorum.

Only one case was reported during the year, the same number as last year.

Polio Myelitis.

Two cases were reported during the year—one from Shipley, and the other from Duffield. The previous case was in 1935.

Cancer.

Below I give you a list of the Males and Females, with their respective ages, and the Organs attacked, who have died during the year 1938 :—

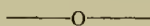
	<i>Males.</i>			<i>Age.</i>		<i>Females.</i>			<i>Age.</i>
Mouth	70	Abdomen	....	....	....	73
Stomach	76	Uterus	....	....	....	59
„	65	Colon	....	....	....	86
„	68	„	....	....	....	82
„	66	„	....	....	....	73
Rectum	42	Liver	....	....	....	74
„	42	„	....	....	....	66
Caecum	60	„	....	....	....	45
Colon	78	Larynx	....	....	....	56
„	82	Stomach	....	....	....	75
Pancreas	77	Caecum	....	....	....	78
Bladder	46	Pylorus	....	....	....	71
Lung	71	Ovary	....	....	....	38
Gall Bladder	66	„	....	....	....	35
Spinal Cord....	24	Rectum	....	....	....	77
					„	59
					„	44
					„	72
					„	84
					Vertebrae	....	....	....	84
					Gastric	....	....	....	27
					Pancreas	....	....	....	64
					Uterus	....	....	....	79
					Cervix	....	....	....	60
					Cerebral	....	....	....	26

The average of the Males being 65.73 and the Females 68.45.

The Occupations of the foregoing are as follows :—

<i>Males.</i>				<i>Females.</i>			
Retired	....	....	4	Dressmaker	....	....	1
Labourers	....	....	5	Storekeeper	....	....	1
Garage Proprietor	....	....	1	No Occupation	....	....	1
Coal Miner	....	....	3	Domestic	....	....	21
Gardener	....	....	1				—
Farmer	....	....	1			Total	24
			—				—
		Total	15				—
			—				—

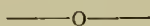
Allestree provided the largest number of cases, the number being 8—3 males and 5 females. Crich and Duffield coming second with 5 each, Darley Abbey 4, Dethick, Lea and Holloway and Kilburn 3 each, Denby and Horsley Woodhouse 2 each, Alderwasley, Holbrook, Mapperley, and Quarndon 1 each, and South Wingfield 3.



FOOD AND DRUGS (Adulteration) ACT, 1928.

The following are the details of the samples collected under the above Act within your area for the year 1938.

In the area of the Belper Rural District Council 34 samples were taken, and of these 14 were milk samples. All proved to be satisfactory.



Eradication of Bed Bugs.

No complaints have been received during the year of any house being infested with bed bugs, either a Council house or of any private owned house, so therefore no action has been necessary.

Birth Rates, Death Rates, Analysis of Mortality, Maternal Death Rates, and Case Rates for certain Infectious Diseases in the year 1938 (England and Wales, London, 126 Great Towns and 148 Smaller Towns) :—
(Provisional Figures based on Weekly and Quarterly Returns).

	England and Wales.	126 County Boro's and Great Towns including London.	148 Smaller Towns (Resident Population 25,000 to 50,000 1931 Census).	London Adminis- trative County.
Rates per 1,000 Population.				
<i>Births :—</i>				
Live	15. 1	15. 0	15. 4	13. 4
Still	0.60	0.65	0.60	0.48
<i>Deaths :—</i>				
All Causes	11. 6	11. 7	11. 0	11. 4
Typhoid and Para- typhoid Fevers	0.00	0.00	0.00	0.00
Small Pox	0.00	0.00	0.00	—
Measles	0.04	0.05	0.03	0.03
Scarlet Fever	0.01	0.01	0.01	0.01
Whooping Cough	0.03	0.03	0.02	0.03
Diphtheria	0.07	0.07	0.03	0.05
Influenza	0.11	0.10	0.11	0.06
<i>Notifications :—</i>				
Small Pox	0.00	0.00	0.00	—
Scarlet Fever	2.41	2.60	2.53	2.05
Diphtheria	1.58	1.85	1.53	1.90
Enteric Fever	0.03	0.03	0.04	0.05
Erysipelas	0.40	0.46	0.39	0.46
Pneumonia	1.10	1.28	0.98	0.98
Rates per 1,000 Live Births.				
Deaths under 1 year of age	53	57	51	57
Deaths from Diarrhoea and Enteritis under 2 years of age	5. 5	7. 8	3. 6	13. 1
<i>Maternal Mortality :—</i>				
Puerperal Sepsis	0.89	—		
Others	2.19	—	Not avail able.	
Total	3.08	—		
Rates per 1,000 Total Births (i.e., Live and Still).				
<i>Maternal Mortality :—</i>				
Puerperal Sepsis	0.86	{	Not avail able.	
Others	2.11			
Total	2.97			
<i>Notifications :—</i>				
Puerperal Fever	{			3.53
Peruperal Pyrexia				15.46
	14.42	18.03	12.51	

PREVELANCE OF NOTIFIABLE DISEASES.

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Number of Cases notified Monthly.

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Tuberculosis	1	...	3	1	...	...	...	3	...	1	2	2	13
Pulmonary	...	...	...	...	...	2	...	1	...	...	1	...	4
Tuberculosis	5	2	7	5	4	5	4	3	12	3	4	1	55
Non-Pulmonary	6	3	...	3	2	2	2	2	2	6	3	5	36
Scarlet Fever	3	5	4	2	4	...	...	...	1	3	2	...	24
Diphtheria	...	...	1	...	1	1	...	2	3	...	...	1	9
Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	1
Erysipelas	1	...	2	...	...	...	...	1	...	...	1	...	4
Ophthalmia Neonatorum	...	...	...	...	...	...	...	...	...	...	...	...	2
Puerperal Pyrexia	...	...	...	...	...	...	...	...	...	...	...	...	...
Polio Myelitis	...	...	...	...	...	...	...	...	...	2	...	...	...
Totals	16	10	17	11	11	10	16	12	18	15	13	9	148

Cases of Notifiable Diseases at varying ages during 1938.

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AGE GROUPS.

NOTIFIABLE DISEASES.	Under 1 year	1-2 years	2-3 "	3-4 "	4-5 "	5-10 "	10-15 "	15-20 "	20-35 "	35-45 "	45-65 "	over 65 years	Total
Small Pox	...	...	3	...	3	23	16	3	4	2	1	...	55
Scarlet Fever	...	...	...	...	...	2	10	7	5	1	...	...	36
Diphtheria	...	...	...	1	...	...	10	...	2	2	...	...	4
Puerperal Pyrexia	...	...	...	...	...	...	...	1	6	1	4	8	24
Pneumonia	1	...	...	...	...	2	1	1	1	3	2	3	9
Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	1
Ophthalmia Neonatorum	1	...	...	1	...	...	...	1	...	...	...	...	2
Polio—Myelitis	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals	2	...	3	2	5	35	27	12	18	9	7	11	131

Cases of Infectious Diseases notified during the Year 1938.

PARISHES.	Pulmonary Tuberculosis	Non--Pulmonary Tuberculosis	Scarlet Fever	Diphtheria	Puerperal Pyrexia	Pneumonia	Ophthalmia Neonatorum	Polio Myelitis	Erysipelas	TOTAL
Alderwasley	...	...	1	...	...	...	...	...	1	2
Allestree	2	1	8	...	...	...	...	...	...	11
Ashleyhay	...	...	...	...	...	2	...	...	...	2
Crich	4	1	1	5	...	1	1	...	...	13
Darley Abbey	1	1	2	...	1	1	...	...	...	6
Denby	...	...	9	2	...	4	...	...	...	15
Dethick Lea & Holloway	...	...	2	4	1	...	...	...	...	7
Duffield	1	...	5	3	...	1	...	1	...	11
Hazelwood	...	...	1	...	...	...	...	...	...	1
Holbrook	1	...	...	...	...	2	...	...	1	4
Horsley	...	...	...	...	...	1	...	...	2	3
Horsley Woodhouse	...	1	3	10	...	2	...	...	...	16
Idridgehay & Alton	...	...	...	1	...	...	...	...	1	2
Kedleston	...	...	...	...	...	...	...	...	...	...
Kilburn	1	...	7	1	1	1	...	...	1	12
Kirk Langley	...	...	2	...	...	...	...	...	...	2
Mackworth	...	...	...	...	...	...	...	...	...	...
Mapperley	...	...	...	...	...	1	...	...	...	1
Markeaton	...	...	1	...	...	...	...	...	...	1
Pentrich	1	...	...	...	...	1	...	...	1	3
Quarndon	...	...	...	...	...	1	...	...	...	1
Ravensdale Park	...	...	...	...	...	...	...	...	...	...
Shipley	...	...	4	7	...	...	...	1	...	12
Shottle and Postern	...	...	1	1	...	2	...	...	...	4
Smalley	2	...	6	2	...	2	...	...	...	12
South Wingfield	...	...	2	...	1	1	...	...	2	6
Turditch	...	...	...	...	...	1	...	...	...	1
Weston Underwood and Muggington	...	...	...	...	...	...	...	...	...	...
Windley	...	...	...	...	...	...	...	...	...	...
Totals	13	4	55	36	4	24	1	2	9	148

TUBERCULOSIS. New Cases and Mortality during the Year 1938. 15

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male		Female		Male		Female	
	M.	F.	M.	F.	M.	F.	M.	F.
0	...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...	...
5	...	1	...	2	...	...	...	...
10	...	...	...	...	...	...	1	...
15	...	...	...	...	...	...	1	...
20	1	...	...	1	...	...	...	...
25	2	1	2	1	1	...	...	1
35	2	2	...	2	...	2	...	2
45	2	2	...	2	1	...	1	1
65	...	...	...	...	4	...	...	4
Total	7	6	2	2	6	2	1	3

INFANTILE MORTALITY.

Causes of Death.	Under 1 week		1-2 weeks		2-3 weeks		3-4 weeks		Total under 1 month		1-3 months		3-6 months		6-9 months		9-12 months		Total Deaths under 1 yr.	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Premature Births, Congenital Debility, etc.	4	7	1	....	....	....	....	....	5	7	1	....	....	....	....	....	....	....	6	7
Pneumonia .....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	2
Bronchitis .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Diarrhoea .....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Totals	4	7	1	1	....	....	....	....	5	8	1	....	....	....	....	....	1	1	7	9

BIRTHS REGISTERED DURING THE YEAR.

	Males	Females	Total	Illegitimates
January	11	11	22	—
February	5	4	9	—
March	17	13	30	—
April	12	11	23	—
May	9	11	20	—
June	9	15	24	—
July	12	7	19	—
August	12	7	19	—
September	6	11	17	—
October	7	8	15	—
November	11	4	15	—
December	10	11	21	—
Totals	121	113	234	—

The above is the Total number of Births registered in the District. The returns from the R.G. allows for Births that took place in the District, but really belong to other Districts, and visa versa, are taken into account.

The total number of Births for the District are :—

Males, 189 ; Females, 178 ; Total, 367.

Births, 1938.

PARISHES	Males	Females	Totals	Illegitimts.
Alderwasley	1	....	1	....
Allestree	16	9	25	....
Ashleyhay	1	....	1	....
Crich	12	12	24	....
Darley Abbey	1	1	2	....
Denby	9	7	16	....
Dethick, Lea & Holloway	2	4	6	....
Duffield	6	6	12	....
Hazelwood	3	1	4	....
Holbrook	11	14	25	....
Horsley	....	9	9	....
Horsley Woodhouse	3	1	4	....
Idridgehay and Alton	....	....	....	....
Kedleston	....	....	....	....
Kilburn	14	19	33	....
Kirk Langley	1	....	1	....
Mackworth	2	....	2	....
Mapperley	2	....	2	....
Markeaton	....	....	....	....
Pentrich	2	....	2	....
Quarndon	1	....	1	....
Ravensdale Park	....	....	....	....
Shipley	18	13	31	....
Shottle and Postern	1	3	4	....
Smalley	....	2	2	....
South Wingfield	11	8	19	....
Turnditch	1	1	2	....
Weston Underwood and Muggington	2	1	3	....
Windley	1	2	3	....
	121	113	234	....

Deaths, 1938.

PARISH	Males	Females	Totals	Under 1 yr.
Alderwasley	1	1	2	....
Allestree	16	23	39	1
Ashleyhay	1	1	2	....
Crich	18	21	39	1
Darley Abbey	8	10	18	1
Denby	8	14	22	1
Dethick, Lea & Holloway	4	8	12	....
Duffield	18	14	32	2
Hazelwood	1	1	2	....
Holbrook	4	10	14	1
Horsley	2	5	7	2
Horsley Woodhouse	13	5	18	4
Idridgehay and Alton	2	1	3	....
Kedleston	....	....	....	....
Kilburn	12	13	25	2
Kirk Langley	2	3	5	....
Mackworth	....	2	2	....
Mapperley	3	2	5	....
Markeaton	....	....	....	....
Pentrich	5	2	7	1
Quarndon	1	5	6	....
Ravensdale Park	....	....	....	....
Shipley	3	2	5	....
Shottle and Postern	1	....	1	....
Smalley	5	9	14	....
South Wingfield	10	11	21	....
Turnditch	3	....	3	....
Weston Underwood and Muggington	....	2	2	....
Windley	....	....	....	....
Totals	141	165	306	16

Deaths registered during the year 1938, classified by Age and Cause.

CAUSES OF DEATH	Deaths in whole District at subjoined Ages											
	All Ages		Under 1	1 and under 2	2 and under 5	5 and under 10	10 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and under 77	75 and upwards
	Males	Females										
Typhoid & paratyphoid Fever	...	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	1	...	...	...	...	...	1	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria	1	1	...	...	...	2	...	...	...	...	...	...
Influenza	1	1	...	...	...	...	...	...	1	1	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculosis of the Respiratory System	6	2	...	...	...	...	...	1	3	3	...	1
Other Tuberculosis Diseases	2	1	...	1	...	1	...	...	...	1	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...	...
General Paralysis of the insane etc.	...	...	...	...	...	...	...	...	...	...	...	...
Cancer, Malignant Disease	14	25	...	...	...	...	...	...	5	9	13	12
Diabetes	3	4	...	...	...	...	...	...	1	1	1	4
Cerebral Haemorrhage	4	9	...	...	...	...	...	...	...	1	5	7
Heart Disease	38	42	...	...	...	...	...	...	...	16	23	36
Aneurysm	1	...	...	...	...	...	...	...	1	...	...	...
Other Circulatory Diseases	10	10	...	...	...	...	...	...	...	4	11	5
Bronchitis	2	4	...	...	...	...	...	...	1	...	2	4
Pneumonia (All forms)	9	7	3	...	...	...	...	1	...	2	6	4
Other Respiratory Diseases	2	2	...	...	...	...	...	...	...	1	2	1
Peptic Ulcer	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea (under 2 years)	...	...	...	...	...	...	...	...	...	...	...	...
Appendicitis	1	...	...	...	...	...	...	...	...	...	1	...
Cirrhosis of the Liver	2	2	...	...	...	...	...	...	...	3	...	1
Other Diseases of the Liver	1	2	...	...	...	...	...	...	...	2	...	1
Other Digestive Diseases	3	5	...	...	...	...	...	2	1	3	1	1
Acute and Chronic Nephritis	5	12	...	...	...	...	...	...	3	4	4	6
Puerperal Sepsis	...	...	...	...	...	...	...	...	...	...	...	...
Other Puerperal Causes	...	1	...	...	...	...	...	...	1	...	...	...
Congenital Debility, Premature Birth, Malformations, etc.	6	7	13	...	...	...	...	...	...	...	...	...
Senility	7	10	...	...	...	...	...	...	...	...	...	17
Suicide	...	1	...	...	...	...	...	...	...	1	...	...
Other Violence	6	3	...	...	...	1	1	1	2	4	...	...
Other Defined Diseases	16	14	...	1	1	...	...	2	4	9	9	4
Causes Ill defined	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea (over 2 years)	...	...	...	...	...	...	...	...	...	...	...	...
Totals	141	165	16	2	1	4	2	7	22	65	83	94

ANNUAL REPORT OF THE SANITARY INSPECTORS,
Year ended, 31st December, 1938.

ADMINISTRATION. The Rural District of Belper, for health and sanitary matters, is under the supervision of Dr. Richard C. Allen, Medical Officer of Health, Belper.

The area is divided into two Districts, North and South, to each of which is appointed a Sanitary Inspector, living fairly centrally in their district. and with separate offices.

No clerical assistance is employed.

WATER SUPPLIES. No concrete progress has been made with the provision of fresh supplies to the various parishes, though the Council's Engineers have submitted certain proposals for Crich, Turnditch and Shipley.

At Duffield the question is one of quality, and this will receive attention during the coming year.

DRAINAGE AND SEWERAGE. The remodelling and bringing up-to-date of the plant at the Duffield Outfall Works was well in hand at the end of the year, and will be completed about August, 1939.

Enquiries have been held by the Ministry of Health into the schemes for Denby, Kilburne, Horsley,, Shipley and Oakerthorpe.

The Shipley scheme is held up for modification.

CLOSET ACCOMMODATION.

Privy Middens	....	....	....	....	265
Pail Closets	....	....	....	....	1,961
Water Closets	....	....	....	....	5,110
Trough Closets	....	....	....	....	28
					7,364

Conversions during the Year :

Pail Closets to W.C.s	....	....	....	41
Privy Middens to W.C.s	....	....	....	18

These figures show that over 69% of the closet accommodation are clean water closets.

SCAVENGING. In some form scavenging is done in the greater part of the district, varying in character according to the parish requirements, but in no case does the work include the emptying of cesspools.

Most of the parishes are scavenged by contract, some have tips provided to which the householder may take the refuse.

Only 4 parishes have a direct labour scheme, and this requires a rate of approximately $3\frac{1}{2}$ d. in the £.

During the year the refuse tips have received regular attention with gas or baits, in an endeavour to keep control of any rat infestation.

SLAUGHTER-HOUSES. These total 6 in the Southern Area and 18 in the Northern, and were inspected on 956 occasions.

It was found necessary to condemn :—

	Bovine.	Calves.	Sheep.	Pigs.
Tuberculosis	31			17
„ part or organ	494	2		383
Other than Tuberculosis	16	1	29	26
do. part or organ	270		98	18

DAIRIES AND COWSHEDS. These continue to receive regular attention throughout the year, and by advice and suggestion a fairly satisfactory standard of construction and condition has generally been attained.

The County Medical Officer of Health informs us that additional “ accredited milk licences ” have been issued during the past year, which now brings the total of such special licences to accredited 129, an increase of 15. T.T.1.

The following details of improvements to the cowsheds which have been carried out during the year have been forwarded to the County Medical Officer

Total Number of Farms in the District	459
„ „ Cowsheds „ „	1150
Improvements effected 1938 :	
Cowshed; newly built	2
entirely re-modelled	28
where new floors laid	27
floors repaired	6
feeding troughs repaired	11
lighting & ventilation improved	14
lofts removed	2
drainage was provided	1
walls rendered in cement	7
approach paving was repaired	2
manure dump removed....	2
new dairies were built	3
dairies were improved	2
cow-keeping was given up	2
which were cleaned up	3

BAKEHOUSES. As in previous years, these number 6, and are attached to retail confectionery businesses, serving only small areas. The condition of the premises is satisfactory.

	<i>Inspections made by San. Inspector.</i>	<i>Informal Notices served.</i>	<i>Legal Notices served.</i>	<i>No. of Nuisances abated.</i>
INSPECTION OF DISTRICT.				
Closets and Ashpits.				
Defective privies, pails and ashpits	127	64	—	63
Conversion of privies into W.C.'s	51	38	9	16
„ pail closets into W.C.'s	62	40	13	42
„ privies to pails	34	8	3	17
Defective Water Closets	55	47	1	47
Additional W.C.s provided	7	3	—	5
Provision of portable ashbins	218	195	—	191
Dirty closets	16	9	—	11
Drainage.				
Defective waste pipe, traps and drains	108	97	10	104
Drains obstructed	121	60	1	121
Other Defects.				
Paving of courts and yards	41	32	4	31
Roofs, eave-spouts and down spouts	99	42	18	90
Sinks	14	14	—	14
Insufficient ventilation	35	13	—	13
Windows	32	10	—	10
Dampness	42	27	—	23
Water in Cellars	4	1	—	1
Water supplies	51	7	—	7
Overcrowding	15	13	2	7
Foul condition of house	8	2	—	2
Offensive accumulations	264	11	—	11
Animals improperly kept	21	1	—	1
Pigsties	17	17	—	16
Urinals	21	—	—	20
Nuisances not specified above	73	30	—	46
Totals	1556	781	61	709
Dairies, Cowsheds and Milkshops.				
Dairies, Cowsheds and Milkshops	361	354	21	32
Bakehouses	6	26	2	5
Slaughterhouses	24	956	—	37
Offensive Trades	1	20	—	—
Totals	392	1356	23	74

Factory and Workshop Inspection.

			<i>Inspections.</i>
Factories with mechanical power	....	....	9
Factories without mechanical power	....	....	38
			—
Total			47
			—
			<i>Found. Remedied.</i>
Want of Cleanliness	....	....	6 6
Sanitary conveniences—Insufficient	....	....	1 1
Unsuitable or defective	1	1	1 1
			—
			8 8
			—

HOUSING.

Number of inhabited Houses (South 4397) (North 3220)	....	7617
Number of new Houses erected—By Local Authority	....	82
„ Private Enterprise	....	170
		—
Total		252
		—

DISTRIBUTION OF NEW HOUSES.

<i>Southern Area.</i>			<i>Northern Area.</i>		
	Private Enterprise	Local Authority		Private Enterprise	Local Auth.
Allestree	82	—	Crich	4	26
Darley Abbey	12	—	Denby	6	—
Duffield	13	12	Kilburn	3	24
Hazelwood	1	—	South Wingfield	12	—
Holbrook	8	—			
Horsley	1	8			
Kirk Langley	1	—			
Mapperley	1	—			
Quarndon	3	—			
Shipley	13	—			
Smalley	10	12			
		—			—
		145			25
		—			—
		32			50
		—			—

HOUSING.

1. Inspection of Dwelling-houses during the Year :—
 - (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 482
 - (b) Number of inspections made for the purpose 1074
 - (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 57
 - (b) Number of inspections made for the purpose 97
 - (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 27
 - (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 138
2. Remedy of defects during the year without service of formal notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers 208
3. Action under Statutory Powers during the Year :—
 - (a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—
 - (1) Number of dwelling-houses in respect of which notices were served requiring repairs 58
 - (2) Number of dwelling-houses which were rendered fit after service of formal notices....
 - (a) By Owners.... 38
 - (b) By Local Authority in default of Owners Nil.
 - (b) Proceedings under Public Health Acts :—
 - (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 390
 - (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—
 - (a) By Owners 142
 - (b) By Local Authority in default of Owners Nil.
 - (c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :—
 - (1) Number of dwelling-houses in respect of which Demolition Orders were made 7
 - (2) Number of dwelling-houses demolished in pursuance of Demolition Orders 5
 - (d) Proceedings under Section 12 of the Housing Act, 1936 :—

- | | |
|---|------|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | Nil. |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | Nil. |
| 4. Housing Act, 1936. Part 4. Overcrowding. | |
| (a) (1) Number of dwellings overcrowded at the end of the year | 231 |
| (2) Number of families dwelling therein | 244 |
| (3) Number of persons dwelling therein | 1043 |
| (b) Number of new cases of overcrowding reported during the year | Nil. |
| (c) (1) Number of cases of overcrowding relieved during the year | 7 |
| (2) Number of persons concerned in such cases | 53 |
| (d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding | Nil. |
| (e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report. | |

